



ATTORNEY'S DOCKET NO. V0077/7223

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gennady Ruderman  
Serial No: 10/079,027  
Filed: February 19, 2002  
For: PRESSURE DIFFERENTIAL SEALING DEVICE  
Examiner: Unknown  
Art Unit: 3626  
Conf. No.: 6406

Box Missing Parts  
COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

Sir:

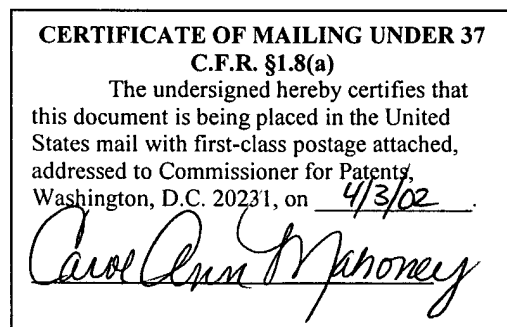
Transmitted herewith is/are the following document(s):

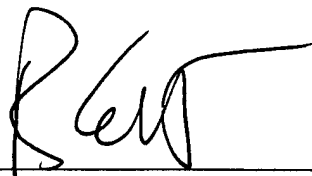
- ☒ Notice to File Missing Parts, Part 2
- ☒ Letter
- ☒ Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 720-3500, Boston, Massachusetts.

Please charge the filing fee of \$1134.00 to Deposit Account 50/0896. A duplicate of this sheet is enclosed.

Respectfully Submitted,



  
Robert E. Hunt, Reg. No. 39,231  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, MA 02210-2211  
(617) 720-3500

Docket No. V0077/7223  
April 3, 2002  
x05/19/02  
605956.1



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COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

Sir:

On February 19, 2002, Applicant submitted an application for patent with instructions for the filing fee to be withdrawn from Deposit Account 50-0896. A duplicate copy of the transmittal letter and fee calculation sheet authorizing the charge to Deposit Account 50-0896 are enclosed for your reference. On March 19, 2002, the Patent Office issued a Notice to File Missing Parts citing "the statutory basic filing fee is missing." Applicant therefore requests that the basic fee of \$1134.00 be withdrawn from Deposit Account 50-0896 as originally instructed and the Notice to File Missing Parts be withdrawn.

**CERTIFICATE OF MAILING UNDER 37  
C.F.R. §1.8(a)**

The undersigned hereby certifies that  
this document is being placed in the United  
States mail with first-class postage attached,  
addressed to Commissioner for Patents,  
Washington, D.C. 20231, on 4/3/02.

*Carol Ann Mahoney*

Respectfully Submitted,

Robert E. Hunt, Reg. No. 39,231  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, MA 02210-2211  
(617) 720-3500

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605956.1



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 10/079,027         | 02/19/2002          | Gennady Ruderman      | V0077/7223             |

CONFIRMATION NO. 6406

## FORMALITIES LETTER



\*OC00000007667770\*

Gary L. Loser, Esq.  
Vice President and General Counsel  
Varian Semiconductor Equipment Associates, Inc.  
35 Dory Road  
Gloucester, MA 01930

Date Mailed: 03/19/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

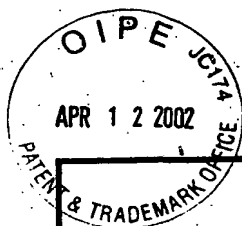
- The statutory basic filing fee is missing.  
*Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$354.
  - \$270 for 15 total claims over 20.
  - \$84 for 1 independent claims over 3.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1224.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

|            |         |          |           |          |
|------------|---------|----------|-----------|----------|
| 04/18/2002 | SLURG1  | 00000007 | 500896    | 10079027 |
| 01 FC:102  |         |          | 84.00 CH  |          |
| 02 FC:103  |         |          | 270.00 CH |          |
| 03 FC:105  |         |          | 130.00 CH |          |
| 05/07/2002 | VTRUNG1 | 00000007 | 500896    | 10079027 |
| 01 FC:101  |         |          | 740.00 CH |          |



# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications  
under 37 CFR 1.53(b))

Attorney Docket No.

V0077/7223

First Named Inventor or Application Identifier

G. Ruderman

Express Mail Label No.

EL844534853

Date of Deposit

February 19, 2002

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification - Total pages 20  
13 - pages description  
1 - pages abstract  
6 - pages claims 35 - Total claims
4. ☒ Drawing(s) (35 USC 113) 6 - Total sheets  
☐ Informal ☒ Formal 6 - Total drawings
5. ☒ Oath or Declaration 3- Total pages  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 19 completed)  
[Note Box 6 below]  
i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Incorporation by Reference  
(usable if Box 5b is checked)  
The entire disclosure of the prior application,  
from which a copy of the oath or declaration is  
supplied under Box 5b, is considered as being  
part of the disclosure of the accompanying  
application and is hereby incorporated by  
reference therein. See 19.
7. ☐ Application Data Sheet, See 37 CFR 1.76

ADDRESS  
TO:

Box Patent Application  
Commissioner for Patents  
Washington, DC 20231

8. ☐ CD-ROM or CD-R, in duplicate, large table or  
Computer Program (Appendix)
9. ☐ Nucleotide and/or Amino Acid Sequence  
Submission (if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. ☐ Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper (identical to computer copy)  
c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

10. ☒ Assignment Papers/cover sheet &  
documents(s)
11. ☐ 37 CFR 3.73(b) Statement  
(when there is an assignee)  
☐ Power of Attorney
12. ☐ English Translation of Document (if applicable)
13. ☒ Information Disclosure Statement/PTO-1449  
☒ Copies of IDS Citations
14. ☐ Preliminary Amendment
15. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
16. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
17. ☐ Request and Certification Under 35 U.S.C.  
§122(b)(2)(B)(ii)
18. ☐ Other:  
\_\_\_\_\_  
\_\_\_\_\_

19. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in the body of the application, or a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_, filed on \_\_\_\_\_, entitled \_\_\_\_\_ and now \_\_\_\_\_.

☐ Cancel in this application claims \_\_\_\_\_ before calculating the filing fee.

☐ Amend the specification by inserting before the first line of the specification on page 1, after the title, the following:

--This application is a ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_, filed on \_\_\_\_\_, entitled \_\_\_\_\_ and now \_\_\_\_\_--

Prior application information: Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 20. CORRESPONDENCE ADDRESS

Correspondence address below

CUSTOMER NUMBER:

OR

|                 |   |           |                |     |                |
|-----------------|---|-----------|----------------|-----|----------------|
| ATTORNEY'S NAME | Gary L. Loser, Esq.                             |           |                |     |                |
| FIRM NAME       | Varian Semiconductor Equipment Associates, Inc. |           |                |     |                |
| ADDRESS         | 35 Dory Road                                    |           |                |     |                |
| CITY            | Gloucester                                      | STATE     | MA             | ZIP | 01930          |
| COUNTRY         | USA   | TELEPHONE | (978) 282-2000 | FAX | (978) 281-3152 |

|   |                                       |
|---|---------------------------------------|
| 21. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED |                                       |
| NAME  | William R. McClellan, Reg. No. 29,409 |
| SIGNATURE   | <i>William R. McClellan</i>           |
| DATE  | February 19, 2002                     |



Attorney Docket No. V0077/7223

Inventor or Identifier: G. Ruderman

Serial No: Not yet assigned

Filed: Herewith

For: Pressure Differential Sealing Device

CHECK BOX, if applicable:

☐ DUPLICATE

## Fee Calculation Sheet

| CLAIMS | FOR  | NUMBER FILED | NUMBER EXTRA | RATE                             | FEE         |
|--------|--|--------------|--------------|----------------------------------|-------------|
|        | TOTAL CLAIMS<br>(37 CFR 1.16(c))   | 35-20=       | 15 x         | \$18                             | = \$ 270.00 |
|        | INDEPENDENT<br>CLAIMS (37 CFR<br>1.16(b))                                  | 4-3=         | 1 x          | \$84                             | = \$ 84.00  |
|        | MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d)) +               |              |              | \$260                            | = \$        |
|        |  |              |              | BASIC FEE<br>(37 CFR<br>1.16(a)) | \$ 740.00   |
|        | Total of above Calculations =  |              |              |                                  | \$ 1094.00  |
|        | Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28). |              |              |                                  | \$          |
|        | Assignment Recordation Fee (if any)  |              |              |                                  | \$ 40.00    |
|        | Other Fees (if any).   |              |              |                                  | \$          |
|        | TOTAL =  |              |              |                                  | \$1134.00   |

1. Please charge the required fees to Deposit Account 50-0896.

| General Authorization to Charge Deposit Account and General Request for Extension of Time |   |
|---|---|
| 2. a. <input type="checkbox"/>  | If the filing of any paper in this application necessitates the payment of a fee under 37 CFR §§ <input type="checkbox"/> 1.16 <input type="checkbox"/> 1.17 or <input type="checkbox"/> 1.18, and the fee due is in an amount different from any enclosed check or if no check is enclosed, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0896. |
| b. <input type="checkbox"/>   | The applicant hereby revokes any prior authorization to charge a fee due under 37 CFR §§ <input type="checkbox"/> 1.16 <input type="checkbox"/> 1.17 or <input type="checkbox"/> 1.18.  |
| 3.  | If the filing of any paper in this application necessitates an extension of time under 37 CFR §1.136(a), the applicant hereby requests such extension of time. If the fee due is in an amount different from any enclosed check or if no check is enclosed, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0896.                                  |

*William R. McClellan*  
William R. McClellan, Reg. No. 29,409  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, MA 02210-2211  
(617) 720-3500  
Attorneys of Record

Docket No. V0077/7223  
Date: February 19, 2002